

SEQUENCE LISTING

<110> Frohberg, Claus  
Koetting, Oliver

Ritte, Gerhard  
Steup, Martin

<120> Plants with increased activity of a starch phosphorylating enzyme

<130> 65084.000021

<140> Unassigned  
<141> 2006-09-01

<150> EP04090086.2

<151> 2004-03-05

<150> US60/549,945

<151> 2004-03-05

<150> US60/549,945 provisional

<151> 2004-03-05

<150> EP04090121.7

<151> 2004-03-29

<160> 26

<170> PatentIn version 3.1

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 Tyr Ser Gly Asp Phe Val Glu Gln Phe Lys Ile Phe His Asn Glu Leu  
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 850 855 860

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Glu Asp Ala Ser Ala Ser Val Thr Phe Ala Pro Glu Lys Val Gln Asp  
Page 17

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455

460

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Glu Asp Tyr Ser Phe Val Leu Leu Ser Arg Phe Ile Asn Thr Leu Glu  
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Val Ser Phe Ser Gly Trp Lys Thr Asp Glu Cys Ile Ala Ile Gly Asn  
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Glu Ile Leu Ser Trp Lys Gln Lys Gly Leu Ser Glu Ser Glu Gly Cys  
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Glu Ala Ser Val Glu Ser Ala Gly Ala Lys Ala Ala Ala Cys Arg Thr						
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Leu Ser Val Leu Ala Ser Leu Ser Asn Lys Val Tyr Ser Asp Gln Gly						
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Val Pro Ala Ala Phe Arg Val Pro Ser Gly Ala Val Ile Pro Phe Gly						
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Ser Met Glu Asp Ala Leu Lys Lys Ser Gly Ser Leu Glu Ser Phe Thr						
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Ser Leu Leu Glu Lys Ile Glu Thr Ala Lys Val Glu Asn Gly Glu Val						
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Asp Ser Leu Ala Leu Glu Leu Gln Ala Ile Ile Ser His Leu Ser Pro						

965

970

975

Pro Glu Glu Thr Ile Ile Phe Leu Lys Arg Ile Phe Pro Gln Asp Val  
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Arg Leu Ile Val Arg Ser Ser Ala Asn Val Glu Asp Leu Ala Gly Met  
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Ser Ala Ala Gly Leu Tyr Asp Ser Ile Pro Asn Val Ser Leu Met  
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Asp Pro Cys Ala Phe Gly Ala Ala Val Gly Lys Val Trp Ala Ser  
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Gln Pro Asp Leu Ser Phe Val Leu His Thr Val Cys Pro Ala Asp  
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His Asp Pro Lys Val Val Gln Ala Glu Val Ala Pro Gly Leu Gly  
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Glu Thr Leu Ala Ser Gly Thr Arg Gly Thr Pro Trp Arg Leu Ser  
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Cys Asn Lys Phe Asp Gly Lys Val Ala Thr Leu Ala Phe Ser Asn  
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Phe Ser Glu Glu Met Val Val His Asn Ser Gly Pro Ala Asn Gly  
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Glu Val Ile Arg Leu Thr Val Asp Tyr Ser Lys Lys Pro Leu Ser  
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